

a level sensor mounted to the tank and having an internal sensing portion in the tank interior for sensing the level of the fluid therein and having a contact end external of the tank for connection to a control means for regulating admission of the combined liquid and the gas into the tank interior as a function of the sensed level of the combined fluid therein and the level sensor level sensing portion including a fluid contact plate extending there from at an angle transverse to a direction of flow of liquid entering into the tank interior through the fluid inlet and the fluid inlet and fluid contact plate positioned so that the entering fluid contacts the fluid contact plate for diffusing any force of the flow thereof for minimizing any disruptive contact thereof with the operation of the flow sensing portion and/or for facilitating better dissolving of the gas into solution in the liquid.--

--8. The gas infusion system as defined in claim 7, and the gas inlet having a diffuser in fluid communication therewith and located within the tank interior at a level generally below a predetermined minimum liquid level so that gas entering the tank interior is finely mixed with the combined liquid.--

--9. The gas infusion system as defined in claim 7, and the liquid outlet having a tube portion extending there from within the tank interior and terminating closely adjacent the tank bottom end and including a baffle plate positioned within the tank interior above the tank bottom end and below a predetermined minimum liquid level and the plate including a first hole for the liquid outlet tube portion to extend there through and the baffle plate having a plurality of secondary holes.--

--10. The gas infusion system as defined in claim 7, and where the liquid is water and the gas is carbon dioxide.--

--11. The gas infusion system as defined in claim 8, and the liquid outlet having a tube portion extending there from within the tank interior and terminating closely adjacent the tank bottom end and including a baffle plate positioned within the tank interior above the tank bottom end and below a predetermined minimum liquid level